

## CLAIMS

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1. Display apparatus comprising :

- a cathode ray tube (3),
- a first circuit (1) providing a high voltage (HV) to the cathode and
- a second circuit (2) receiving a gross signal (Y') on a source

10 input and providing on at least an output at least a luminance signal (Y) controlling an electron stream of the cathode ray tube (3),

characterised by

- means for simulating absence of gross signal (Y') when the

apparatus switches from on to off.

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2. Display apparatus according to claim 1, wherein said means for simulating absence of gross signal (Y') are triggered by a signal (SH) sent by a microprocessor.

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3. Display apparatus according to claim 1 or 2, wherein a pin (42) carrying a signal representative of the gross signal (Y') when the apparatus is on is connected to ground when the apparatus switches from on to off.

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4. Display apparatus according to claim 1, wherein the second circuit (2) comprises a comparator (20) having an input (42) connected to said source input and generating an error signal (E) according to a difference between said comparator input and a reference signal ( $V_0$ ), and controlled amplifying means (22) for amplifying the gross signal (Y') into the luminance signal (Y) according to the error signal (E), and wherein a signal simulating absence of gross signal (Y') is sent to the comparator input (42) when the apparatus switches from on to off.

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5. Display apparatus according to claim 4, wherein said signal simulating absence of gross signal (Y') is controlled by a signal (SH) sent by a microprocessor.

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6. Display apparatus according to claim 4 or 5, wherein the comparator input (42) is connected to ground when the apparatus switches from on to off.

7. Display apparatus according to claim 4, wherein the comparator input (42) is connected to ground through a switch (K).

8. Display apparatus according to claim 7, wherein the switch (K) is controlled by a signal (SH) from a microprocessor.

9. Display apparatus according to any of the preceding claims, wherein the apparatus is a television receiver.

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10. Display apparatus comprising :

- a cathode ray tube (3),
- a first circuit (1) providing a high voltage (HV) to the cathode and
- a second circuit (2) receiving a gross signal (Y') on a source

15 input and providing on at least an output at least a luminance signal (Y) controlling an electron stream of the cathode ray tube (3),

the second circuit (2) comprising a comparator (20) having an input (42) connected to said source input and generating an error signal (E) according to a difference between said comparator input and a reference signal ( $V_0$ ), and controlled amplifying means (22) for amplifying the gross signal (Y') into the luminance signal (Y) according to the error signal (E),

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characterised in that the comparator input (42) is connected to ground through a switch (K) controlled by a signal (SH) generated from a microprocessor when the apparatus switches from on to off.

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11. Display apparatus according to claim 10, the apparatus being a television receiver.

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